

Claudia Manfredi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

697
citations

471061

17
h-index

580395

25
g-index

41
all docs

41
docs citations

41
times ranked

638
citing authors

#	ARTICLE	IF	CITATIONS
1	Semioccluded Vocal Tract Exercises Improve Self-Perceived Voice Quality in Healthy Actors. <i>Journal of Voice</i> , 2022, 36, 584.e7-584.e14.	0.6	4
2	Heart Rate Variability Analysis for Seizure Detection in Neonatal Intensive Care Units. <i>Bioengineering</i> , 2022, 9, 165.	1.6	3
3	Multiparametric EEG analysis of brain network dynamics during neonatal seizures. <i>Journal of Neuroscience Methods</i> , 2021, 348, 109003.	1.3	15
4	BioVoice: A multipurpose tool for voice analysis. <i>Biomedical Signal Processing and Control</i> , 2021, 64, 102302.	3.5	8
5	Multiscale Entropy Analysis of Heart Rate Variability in Neonatal Patients with and without Seizures. <i>Bioengineering</i> , 2021, 8, 122.	1.6	9
6	Automatic Detection of Epileptic Seizures in Neonatal Intensive Care Units Through EEG, ECG and Video Recordings: A Survey. <i>IEEE Access</i> , 2021, 9, 138174-138191.	2.6	14
7	Neonatal Seizures Detection using Stationary Wavelet Transform and Deep Neural Networks: Preliminary Results. , 2020, , .		13
8	Automatic detection and sonification of nonmotor generalized onset epileptic seizures: Preliminary results. <i>Brain Research</i> , 2019, 1721, 146341.	1.1	16
9	Automated detection and classification of basic shapes of newborn cry melody. <i>Biomedical Signal Processing and Control</i> , 2018, 45, 174-181.	3.5	18
10	Analysis of facial expressions in parkinson's disease through video-based automatic methods. <i>Journal of Neuroscience Methods</i> , 2017, 281, 7-20.	1.3	84
11	Multidimensional Assessment of the Effectiveness of Group Voice Therapy. <i>Journal of Voice</i> , 2017, 31, 714-721.	0.6	4
12	Maximal Ambient Noise Levels and Type of Voice Material Required for Valid Use of Smartphones in Clinical Voice Research. <i>Journal of Voice</i> , 2017, 31, 550-556.	0.6	23
13	Physiology and Acoustics of Inspiratory Phonation. <i>Journal of Voice</i> , 2016, 30, 769.e9-769.e18.	0.6	12
14	Markerless Analysis of Articulatory Movements in Patients With Parkinson's Disease. <i>Journal of Voice</i> , 2016, 30, 766.e1-766.e11.	0.6	31
15	Application of Pattern Recognition Techniques to the Classification of Full-Term and Preterm Infant Cry. <i>Journal of Voice</i> , 2016, 30, 656-663.	0.6	59
16	AVIMâ€”A contactless system for infant data acquisition and analysis: Software architecture and first results. <i>Biomedical Signal Processing and Control</i> , 2015, 20, 85-99.	3.5	21
17	Automated tracking of quantitative parameters from single line scanning of vocal folds: A case study of the â€”messa di voceâ€”™ exercise. <i>Logopedics Phoniatrics Vocology</i> , 2015, 40, 44-54.	0.5	18
18	Automatic Assessment of Acoustic Parameters of the Singing Voice: Application to Professional Western Operatic and Jazz Singers. <i>Journal of Voice</i> , 2015, 29, 517.e1-517.e9.	0.6	25

#	ARTICLE	IF	CITATIONS
19	Voice dosimetry and monitoring, with emphasis on professional voice diseases: Critical review and framework for future research. <i>Logopedics Phoniatrics Vocology</i> , 2014, 41, 1-17.	0.5	9
20	Ambulatory Phonation Monitoring in a Sample of 92 Call Center Operators. <i>Journal of Voice</i> , 2014, 28, 393.e1-393.e6.	0.6	26
21	Modelling of Thermal Hyperemia in the Skin of Type 2 Diabetic Patients. <i>Journal of Healthcare Engineering</i> , 2013, 4, 541-554.	1.1	7
22	Videokymographic image processing: Objective parameters and user-friendly interface. <i>Biomedical Signal Processing and Control</i> , 2012, 7, 192-201.	3.5	22
23	Quantitative analysis of videokymography in normal and pathological vocal folds: a preliminary study. <i>European Archives of Oto-Rhino-Laryngology</i> , 2012, 269, 207-212.	0.8	25
24	Validity of jitter measures in non-quasi-periodic voices. Part II: The effect of noise. <i>Logopedics Phoniatrics Vocology</i> , 2011, 36, 78-89.	0.5	30
25	Validity of jitter measures in non-quasi-periodic voices. Part I: Perceptual and computer performances in cycle pattern recognition. <i>Logopedics Phoniatrics Vocology</i> , 2011, 36, 70-77.	0.5	25
26	A multipurpose user-friendly tool for voice analysis: Application to pathological adult voices. <i>Biomedical Signal Processing and Control</i> , 2009, 4, 212-220.	3.5	21
27	Voice quality monitoring: A portable device prototype. , 2008, 2008, 997-1000.		3
28	A Robust Tool to Compare Pre- and Post-Surgical Voice Quality. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 2568-71.	0.5	0
29	A New Insight Into Postsurgical Objective Voice Quality Evaluation: Application to Thyroplastic Medialization. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 442-451.	2.5	21
30	A Robust Tool for Newborn Infant Cry Analysis. , 2006, 2006, 509-12.		8
31	A Robust Tool for Newborn Infant Cry Analysis. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006, , .	0.5	0
32	Software corrections of vocal disorders. <i>Computer Methods and Programs in Biomedicine</i> , 2002, 68, 135-145.	2.6	7
33	Models and analysis of vocal emissions. <i>Medical Engineering and Physics</i> , 2002, 24, 449-452.	0.8	0
34	Analysis of vocal disorders in a feature space. <i>Medical Engineering and Physics</i> , 2000, 22, 413-418.	0.8	22
35	Acoustic analysis of newborn infant cry signals. <i>Medical Engineering and Physics</i> , 1998, 20, 432-442.	0.8	51
36	Recursive autoregressive spectral maps for ocular pathology detection. <i>Ultrasound in Medicine and Biology</i> , 1997, 23, 391-403.	0.7	3

#	ARTICLE	IF	CITATIONS
37	Ripples damping due to monomolecular films. <i>Journal of Colloid and Interface Science</i> , 1987, 119, 74-80.	5.0	31